



CT-Z110

YJ(ST)

SERVICE MANUAL

STEREO CAR CASSETTE RECEIVER

BASIC TAPE MECHANISM : TN-715-DH-116

- Replace this Service Manual with "Revision Publishing" when it is issued.

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SIMPLE
DATA

ELECTRICAL MAIN PARTS LIST - 1

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
C 705	87-010-313-080		CAP, CHIP 18P	A.....
C 706	87-010-315-080		C-CAP,S 27P-50 CH	A.....
IC 701	87-A21-540-030		C-IC,LC72336-9911	A.....
C 703	87-010-263-080		CAP, ELECT 100-10V	A.....
C 708	87-010-378-080		CAP, ELECT 10-16V	A.....
C 702	87-010-197-080		CAP, CHIP 0.01 DM	A.....
C 704	87-010-198-080		CAP, CHIP 0.022	A.....
C 701	87-010-314-080		C-CAP,S 22P-50V	A.....
C 707	87-018-131-080		CAP, CER 1000P-50V	A.....
L 701	87-A50-375-010		COIL,1UH K LAL02	A.....
L 702	87-003-149-080		COIL,47UH	A.....
D 701	87-020-465-080		DIODE,ISS133 (110MA)	A.....
D 702	87-020-465-080		DIODE,ISS133 (110MA)	A.....
D 703	87-020-465-080		DIODE,ISS133 (110MA)	A.....
D 704	87-020-465-080		DIODE,ISS133 (110MA)	A.....
D 705	87-020-465-080		DIODE,ISS133 (110MA)	A.....
D 902	87-020-465-080		DIODE,ISS133 (110MA)	A.....
D 907	87-020-465-080		DIODE,ISS133 (110MA)	A.....
D 908	87-020-465-080		DIODE,ISS133 (110MA)	A.....
S 901	87-A91-152-010		SW,SL 1-1-2 SSSS212-11-A	A.....
Q 707	87-A30-475-080		TR,KRA104M-AT	A.....
Q 705	87-A30-467-040		C-TR,KRA111S-RTK	A.....
Q 706	87-A30-468-040		C-TR,KRC102S-RTK	A.....
Q 701	87-026-313-080		TR,DTC343TS	A.....
Q 702	87-026-313-080		TR,DTC343TS	A.....
Q 703	87-026-313-080		TR,DTC343TS	A.....
Q 704	87-026-313-080		TR,DTC343TS	A.....
X 701	87-A70-175-010		VIB,XTAL 4.5MHZ AT-49	A.....
C 712	87-018-208-010		CAP,TC-U 0.047-50 F	A.....
C 713	87-018-208-010		CAP,TC-U 0.047-50 F	A.....
C 210	87-010-401-080		CAP, ELECT 1-50V	A.....
C 211	87-010-401-080		CAP, ELECT 1-50V	A.....
C 213	87-010-401-080		CAP, ELECT 1-50V	A.....
C 214	87-010-401-080		CAP, ELECT 1-50V	A.....
C 203	87-010-378-080		CAP, ELECT 10-16V	A.....
C 204	87-010-378-080		CAP, ELECT 10-16V	A.....
C 205	87-010-263-080		CAP, ELECT 100-10V	A.....
C 206	87-010-263-080		CAP, ELECT 100-10V	A.....
C 209	87-010-263-080		CAP, ELECT 100-10V	A.....
C 212	87-010-380-080		CAP, ELECT 47-16V	A.....
C 215	87-010-380-080		CAP, ELECT 47-16V	A.....
C 207	87-010-198-080		CAP, CHIP 0.022	A.....
C 208	87-010-198-080		CAP, CHIP 0.022	A.....
C 201	87-018-131-080		CAP, CER 1000P-50V	A.....
C 202	87-018-131-080		CAP, CER 1000P-50V	A.....
	8Z-KTH-652-010		CONN ASSY,3P (HEAD)	A.....
	8Z-KTH-651-010		CONN ASSY,8P (DECK)	A.....
CON 201	87-009-031-010		CONNECTOR, 3P	A.....
CON 202	87-099-408-010		CONN,8P EH V WHT	A.....
IC 201	87-A21-191-010		IC,KIA6225S	A.....
Q 202	87-A30-473-080		TR,KRC102M-AT	A.....
Q 201	87-A30-295-010		TR,KRA226M	A.....
Q 203	87-A30-470-040		C-TR,KTC3875SY-RTK	A.....
Q 204	87-A30-470-040		C-TR,KTC3875SY-RTK	A.....
C 101	8Z-KT1-614-010		ANT, AW-002	A.....
C 119	87-010-992-080		C-CAP,S 0.047-25 B	A.....
C 120	87-010-992-080		C-CAP,S 0.047-25 B	A.....
C 106	87-010-402-080		CAP, ELECT 2.2-50V	A.....
C 107	87-010-380-080		CAP, ELECT 47-16V	A.....
C 108	87-010-380-080		CAP, ELECT 47-16V	A.....
C 115	87-010-380-080		CAP, ELECT 47-16V	A.....
C 102	87-018-134-080		CAPACITOR,TC-U 0.01-16	A.....
C 103	87-018-134-080		CAPACITOR,TC-U 0.01-16	A.....
C 105	87-018-134-080		CAPACITOR,TC-U 0.01-16	A.....
C 114	87-018-134-080		CAPACITOR,TC-U 0.01-16	A.....
C 118	87-018-134-080		CAPACITOR,TC-U 0.01-16	A.....
C 104	87-018-209-080		CAP, CER 0.1-50V	A.....
C 109	87-018-209-080		CAP, CER 0.1-50V	A.....
C 116	87-018-209-080		CAP, CER 0.1-50V	A.....
C 117	87-018-209-080		CAP, CER 0.1-50V	A.....
C 101	87-018-119-080		CAP, CER 100P-50V	A.....
L 102	8Z-KT1-619-010		COIL,68MH K7-D	A.....
L 101	87-003-143-080		COIL 4.7 UH	A.....
D 101	87-020-465-080		DIODE,ISS133 (110MA)	A.....
D 102	87-020-465-080		DIODE,ISS133 (110MA)	A.....
Q 101	87-A30-473-080		TR,KRC102M-AT	A.....
Q 105	8Z-KTH-623-080		TR,KTA1267Y	A.....
Q 106	8Z-KTH-623-080		TR,KTA1267Y	A.....
Q 102	8Z-KTH-622-080		TR,KTC3198Y	A.....
Q 103	8Z-KTH-622-080		TR,KTC3198Y	A.....
Q 104	8Z-KTH-622-080		TR,KTC3198Y	A.....
TU 101	8A-KC8-621-010		TU UNIT, FAE347-A12	A.....
C 411	87-016-083-080		C-CAP,S 0.15-16 RK	A.....
C 412	87-016-083-080		C-CAP,S 0.15-16 RK	A.....
C 413	87-016-083-080		C-CAP,S 0.15-16 RK	A.....
C 414	87-016-083-080		C-CAP,S 0.15-16 RK	A.....
IC 401	8Z-KT1-622-010		C-IC,LC75374E	A.....

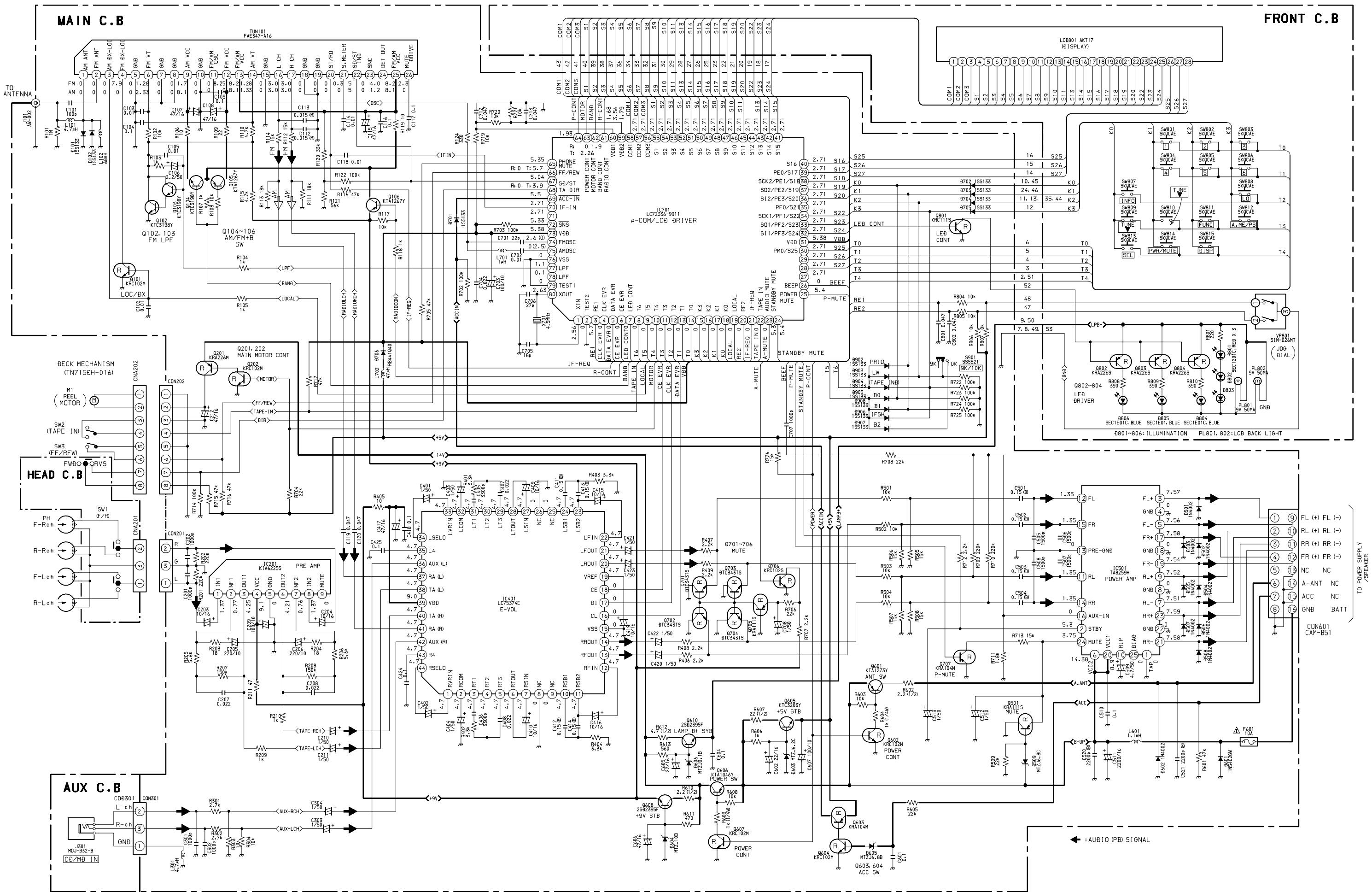
ELECTRICAL MAIN PARTS LIST - 2

C	401	87-010-401-080	CAP, ELECT 1-50V	A.
C	402	87-010-401-080	CAP, ELECT 1-50V	A.
C	403	87-010-401-080	CAP, ELECT 1-50V	A.
C	404	87-010-401-080	CAP, ELECT 1-50V	A.
C	420	87-010-401-080	CAP, ELECT 1-50V	A.
C	421	87-010-401-080	CAP, ELECT 1-50V	A.
C	422	87-010-401-080	CAP, ELECT 1-50V	A.
C	423	87-010-401-080	CAP, ELECT 1-50V	A.
C	409	87-010-378-080	CAP, ELECT 10-16V	A.
C	410	87-010-378-080	CAP, ELECT 10-16V	A.
C	415	87-010-378-080	CAP, ELECT 10-16V	A.
C	416	87-010-378-080	CAP, ELECT 10-16V	A.
C	419	87-010-378-080	CAP, ELECT 10-16V	A.
C	417	87-010-380-080	CAP, ELECT 47-16V	A.
C	407	87-010-198-080	CAP, CHIP 0.022	A.
C	408	87-010-198-080	CAP, CHIP 0.022	A.
C	418	87-010-196-080	CHIP CAPACITOR, 0.1-25	A.
C	405	87-010-184-080	CHIP CAPACITOR 3300P(K)	A.
C	406	87-010-184-080	CHIP CAPACITOR 3300P(K)	A.
C	501	87-016-083-080	C-CAP, S 0.15-16 RK	A.
C	502	87-016-083-080	C-CAP, S 0.15-16 RK	A.
C	503	87-016-083-080	C-CAP, S 0.15-16 RK	A.
C	504	87-016-083-080	C-CAP, S 0.15-16 RK	A.
C	509	87-010-379-080	CAP, ELECT 22-16V	A.
C	511	8Z-KT1-633-090	CAP, E 3300U-16 PW	A.
C	510	87-018-209-080	CAP, CER 0.1-50V	A.
C	505	87-018-196-080	CAP, CER 1500P-16V	A.
C	506	87-018-196-080	CAP, CER 1500P-16V	A.
C	507	87-018-196-080	CAP, CER 1500P-16V	A.
C	508	87-018-196-080	CAP, CER 1500P-16V	A.
IC	501	8Z-KTG-622-010	IC, TA8259H	A.
C	520	87-010-182-080	C-CAP, S 2200P-50 B	A.
C	521	87-010-182-080	C-CAP, S 2200P-50 B	A.
D	501	87-001-783-080	DIODE, 1N4002	A.
D	502	87-001-783-080	DIODE, 1N4002	A.
D	503	87-001-783-080	DIODE, 1N4002	A.
D	504	87-001-783-080	DIODE, 1N4002	A.
D	505	87-001-783-080	DIODE, 1N4002	A.
D	506	87-001-783-080	DIODE, 1N4002	A.
D	507	87-001-783-080	DIODE, 1N4002	A.
D	508	87-001-783-080	DIODE, 1N4002	A.
C	602	87-010-379-080	CAP, ELECT 22-16V	A.
C	605	87-010-379-080	CAP, ELECT 22-16V	A.
C	606	87-010-380-080	CAP, ELECT 47-16V	A.
CN	601	8Z-KT1-624-010	CONN, 16P SOC017	A.
D	602	87-001-783-080	DIODE, 1N4002	A.
D	601	87-070-022-010	DIODE, IN5402 (RECT)	A.
L	601	8Z-KT1-615-010	FLTR, AMORPHOUS -CHOKE	A.
Q	606	87-A30-476-010	TR, KTA1046Y	A.
Q	603	87-A30-475-080	TR, KRA104M-AT	A.
Q	602	87-A30-473-080	TR, KRC102M-AT	A.
Q	604	87-A30-473-080	TR, KRC102M-AT	A.
Q	607	87-A30-473-080	TR, KRC102M-AT	A.
Q	601	8Z-KTH-627-080	TR, KTA1273Y	A.
Q	605	8Z-KTH-626-080	TR, KTC3203Y	A.
Q	608	89-423-953-010	TR, 2SD2395F	A.
Q	610	89-423-953-010	TR, 2SD2395F	A.
D	604	87-070-334-080	ZENER, MTZJ10B	A.
D	603	87-A40-344-080	ZENER, MTZJ6.2C	A.
D	605	87-A40-337-080	ZENER, MTZJ 6.8B	A.
C	607	87-010-263-080	CAP, ELECT 100-10V	A.
F	601	8Z-KC1-621-010	FUSE, 15A 32V	A.
D	606	87-A40-523-080	ZENER, MTZJ9.1B	A.
C	601	87-018-209-080	CAP, CER 0.1-50V	A.
C	604	87-018-209-080	CAP, CER 0.1-50V	A.
C	301	87-018-131-080	CAP, CER 1000P-50V	A.
C	302	87-018-131-080	CAP, CER 1000P-50V	A.
C	801	87-018-134-080	CAPACITOR, TC-U 0.01-16	A.
C	802	87-018-134-080	CAPACITOR, TC-U 0.01-16	A.
Q	801	87-A30-469-040	C-TR, KRC111S-RTK	A.
LCD	801	8A-KTG-610-010	LCD, AKT-16-17	A.
SW	801	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	802	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	803	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	804	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	805	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	806	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	807	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	808	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	809	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	810	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	811	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	812	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	813	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	814	87-036-251-080	SW, T CT 6X3.5 160	A.
SW	815	87-036-251-080	SW, T CT 6X3.5 160	A.
J	301	87-A61-229-010	JACK, 3.5 BLK ST W/SW	A.
PL	801	8A-KT7-655-010	LAMP, 9V-50MA	A.
PL	802	8A-KT7-655-010	LAMP, 9V-50MA	A.
D	801	87-A91-052-080	LED, SEL6227S RED	A.
D	802	87-A91-052-080	LED, SEL6227S RED	A.
D	803	87-A91-052-080	LED, SEL6227S RED	A.
VR	801	87-A91-597-010	SW, RTRY SIM-026MT	A.

ELECTRICAL MAIN PARTS LIST - 3

D	804	87-A40-813-040	C-LED , SEC1E01C BLUE	A.....
D	805	87-A40-813-040	C-LED , SEC1E01C BLUE	A.....
D	806	87-A40-813-040	C-LED , SEC1E01C BLUE	A.....
Q	802	87-A30-472-040	C-TR , KRA226S-RTK	A.....
Q	803	87-A30-472-040	C-TR , KRA226S-RTK	A.....
Q	804	87-A30-472-040	C-TR , KRA226S-RTK	A.....
Q	805	87-A30-469-040	C-TR , KRC111S-RTK	A.....
CN	301	8Z-KTH-612-010	CONN , 3P HEADER-STRAIGHT	A.....

SCHEMATIC DIAGRAM-1



MECHANICAL PARTS LIST - 1

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
YJ	XX.....	A.....		
8A-KT5-021-010	RING, RTRY A			A.....
8A-KTF-004-010	WINDOW, L F			A.....
8A-KTF-005-010	WINDOW, R F			A.....
8A-KTH-001-010	CABI, FRONT H			A.....
8A-KTH-002-010	WINDOW, LCD H			A.....
8A-KTH-006-010	CABI, TRIM H			A.....
8Z-KT1-023-110	DOOR,CASS			A.....
8A-KTH-008-010	WINDOW, LCD Z110 35W			A.....
8A-KT5-012-010	BTN, PWR			A.....
8A-KT5-013-010	BTN, DISP			A.....
8A-KT5-014-010	BTN,A/M			A.....
8A-KT5-015-010	BTN,LO			A.....
8A-KT5-016-010	BTN,INFO			A.....
8A-KTF-013-010	BTN,FNC F			A.....
8A-KTF-020-010	KNOB,RTRY NON RUBBER			A.....
8A-KTG-003-010	BTN,UP/DN G			A.....
8A-KTG-004-010	BTN,P.SET G			A.....
8A-KTH-003-010	BTN,EJECT H			A.....
8A-KTH-004-010	BTN,FF H			A.....
8A-KTH-005-010	BTN,REW H			A.....
8A-KT5-204-010	HLDR,TR			A.....
8A-KT5-210-010	HLDR,BTN MU			A.....
8A-KT5-211-010	HLDR,BTN DISP			A.....
8A-KTF-201-010	HLDR,IC F			A.....
8A-KTF-205-010	LENS,ENCO F			A.....
8A-KTF-206-010	LENS,R F			A.....
8A-KTG-201-010	HLDR,LCD G			A.....
8A-KTG-202-010	CASE,LCD G			A.....
8A-KTG-203-010	LENS,LCD G			A.....
8A-KTH-201-010	HLDR,DECK H			A.....
8A-KTH-202-010	CHAS,FRONT H			A.....
8A-KTH-203-010	HLDR,PWB H			A.....
8Z-KT1-211-010	COVER, TOP -T			A.....
8Z-KT1-212-010	COVER, BOTTOM -T			A.....
8Z-KT1-239-010	CAP,LAMP BLU B			A.....
8Z-KT1-244-010	SPR-T,DOOR Z			A.....
8Z-KT4-201-010	COVER, CD BLIND -T			A.....
8Z-KT5-201-010	COVER, ISO BLIND -T			A.....
8Z-KTH-204-010	LEVER,EJ-T17			A.....
87-251-073-410	SCREW,U+2.6-6			A.....
87-251-076-410	U+2.6-12			A.....
87-251-097-410	U+3-12			A.....
87-251-092-410	U+3-4			A.....
87-253-034-410	U+2-5 BLK			A.....
87-432-903-010	WASHER,WTE 2.6			A.....
88-KT1-250-010	S-SCREW,THIN HEAD+2.6-4 BLK			A.....
8Z-KTH-652-010	CONN ASSY,3P (HEAD)			A.....
8Z-KTH-651-010	CONN ASSY,8P (DECK)			A.....

ACCESSORIES LIST

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
	8A-KTH-901-010		IB,YU(3L) 110	.
	8A-KT5-902-010		IB,INST,YU,YL (3L,P)	A.
	8A-KTH-902-010		IB,Y(E CH A) 110	A.
	8A-KT5-908-010		IB,INST,YH,Y (E CK CH A)-A	A.
	86-KT1-237-010		HLDR, REAR MTG	A.
*	87-B10-141-010		NUT, 5 TYPE-2	A.
	87-B10-143-010		UT1+5-15 W/O SLOT	A.
	87-B10-144-010		W,5.2-10-0.5	A.
*	87-B10-145-010		W-SPR,5.3-8.5-1.5	A.
	88-KT1-247-010		S-SCREW,HEXAGON	A.
	8Z-KT1-231-010		HLDR, HALF -T	A.
	8Z-KT1-232-010		KEY, REMOVE -T	A.
*	8Z-KT1-251-010		S-SCREW,5*6 TH+ TAPPING ST	A.
	8Z-KT1-625-010		CONN ASSY,16P SOC016	A.



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